

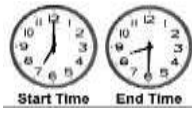
**ARYABHATA MATHEMATICIAN OF THE YEAR**
**NUMERICAL ABILITY TEST 2017**

NAME:- \_\_\_\_\_ Reg. No:- \_\_\_\_\_



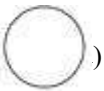

**GRADE - III**

SCHOOL NAME: \_\_\_\_\_ CONTACT NO. \_\_\_\_\_

**NO. OF QUESTIONS: 50**
**TOTAL MARKS: 50**
**TIME: 60 MINUTES**

<b>SECTION-A</b>	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
1) The next number in the series <b>955, 950, 945</b> will be a) 940                      b) 950                      c) 935                      d) 945	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) <b>60p + 35p + 10p</b> is a) ₹2 05p                      b) ₹1 15p                      c) ₹1 05p                      d) ₹1 00p	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) How many numbers from <b>100</b> to <b>130</b> are even? a) 20                      b) 10                      c) 15                      d) 25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4) I am a product of two numbers. One of my numbers is <b>10</b> ; the other number is <b>5</b> more than the first number. What number am I? a) 100                      b) 105                      c) 155                      d) 150	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) How many digits from <b>50</b> to <b>100</b> have the digit <b>2</b> ? a) 4                      b) 5                      c) 3                      d) 10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6) How many tens are there in <b>900</b> ? a) 90 tens                      b) 9 tens                      c) 10 tens                      d) 100 tens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7) If fifteen guavas weigh <b>6kg</b> and eight coconuts weigh <b>9</b> times as much, what is the weight of the coconuts? a) 54 kg                      b) 44 kg                      c) 50 kg                      d) 45kg	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8) I have a <b>3</b> in the units place. I am greater than <b>57</b> but less than <b>73</b> . What number am I? a) 60                      b) 73                      c) 63                      d) 83	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9) Where will number <b>38</b> belong in this pattern? <b>32                      34                      P                      Q                      R                      S                      44</b> a) Block P                      b) Block Q                      c) Block R                      d) Block S	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10) The start and end time of an exhibition are shown in the adjoining clocks. How many minutes did the exhibition last?  a) 90 min                      b) 120 min                      c) 30 min                      d) 45 min	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## SECTION-B

	a	b	c	d
1) The smallest four-digit number is a) 1000                      b) 1100                      c) 1001                      d) 1010	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) How many <b>5's</b> are there in <b>60</b> ? a) 13                      b) 12                      c) 10                      d) 15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) What number is <b>2000</b> less than <b>2975</b> ? a) 985                      b) 975                      c) 795                      d) 895	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4) <b>19×0×72</b> is a) 0                      b) 1368                      c) 1386                      d) 1366	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) Subtract the quotient of <b>81</b> and <b>9</b> from the product of <b>8</b> and <b>6</b> a) 35                      b) 39                      c) 40                      d) 45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6) The smallest <b>5</b> -digit number is a) 10,000                      b) 10001                      c) 99999                      d) 10101	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7) The product of <b>999</b> and <b>4</b> is a) 3966                      b) 3906                      c) 3996                      d) 3969	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8) How many tens are there in <b>8549</b> ? a) 54 tens                      b) 49tens                      c) 59tens                      d) 549tens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9) <b>5 kg 89 gm</b> is how many grams? a) 5899gm                      b) 5908 gm                      c) 5098 gm                      d) 5089 gm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10) The smallest <b>5</b> -digit number is a) 10,000                      b) 10001                      c) 99999                      d) 10101	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a) The successor of <b>98999</b> is a) 90000                      b) 99000                      c) 90001                      d) 90009	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) <b>5</b> days less than <b>6</b> weeks is a) 30                      b) 47                      c) 37                      d) 27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Which of the following shapes has exactly <b>4</b> faces and <b>4</b> vertices? a)  b)  c)  d) 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Which number is obtained by subtracting the smallest <b>3</b> -digit number from the largest <b>3</b> -digit number? a) 998                      b) 899                      c) 99                      d) 900	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Harry eats <b>6</b> oranges, <b>5</b> mangoes and <b>7</b> bananas every day. How many fruits does he eat in a week? a) 126                      b) 120                      c) 130                      d) 146	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Marie bought <b>9</b> pieces of soft toys. Each soft toy costs <b>₹50</b> . Which expression could be used to find the total amount Marie spent on the soft toys? a) $50 + 9$ b) $50 - 9$ c) $50 \times 9$ d) $50 \div 9$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

g) John hits **298** golf balls on Monday and **357** balls on Tuesday. How many golf balls did John hit altogether?  
 a) 565      b)655      c)765      d)675

h) During a basketball match, Lucy scored **120** points, Ken scored **209** points, Ben scored **348** points and Mark scored **476** points. How many points did Lucy and Ben score altogether?  
 a) 468      b)329      c)596      d)486

i) Monkey is the .....animals from the left  
 a) 2<sup>nd</sup>      b) 1<sup>st</sup>      c) 3<sup>rd</sup>      d) 4<sup>th</sup>



j) The given table shows the number of members in each of two farm clubs. Which number sentence correctly compares these numbers?

Clubs	
Name	Number of Members
Dairy	7098
Poultry	9087

- a)  $7098 < 9087$       b)  $7098 > 9087$       c)  $7098 = 9087$  -  
 d) None of these

k) Ten more than **70** tens is  
 a) 700      b)710      c)701      d) 70

l) **789** + ? = **900**  
 a) 121      b) 101      c)111      d) 110

m) **85** × **100** - **20** =  
 a) 8450      b)8480      c)8400      d) 8405

n) What should be added to **2590** to get **3100**?  
 a) 510      b)500      c) 501      d) 410

o) The difference between the largest **3**-digit number and the smallest **3**-digit number is  
 a) 890      b)899      c) 900      d)990

**SECTION-C**

**a      b      c      d**

1) How many **50 p** coins are there in **₹4**?  
 a) 16      b)8      c)10      d)200

2) <b>5</b> dozen is equal to a) 50                      b) 70                      c) 65                      d) 60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) The school closed on <b>16</b> May and re-opened on <b>10</b> July. How long was the vacation? a) 40 days              b) 35 days              c) 55 days              d) 50 days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4) How many days are there in <b>480</b> hours? a) 30 days              b) 20 days              c) 48 days              d) 10 days	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) <b>5</b> days and <b>15</b> hours is equal to a) 140 hours      b) 130 hours      c) 135 hours      d) 120 hours	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6) If Sam's birthday is <b>17</b> days after Children's day, when is his birthday? a) 2 <sup>nd</sup> Dec              b) 1 <sup>st</sup> Dec              c) 30 <sup>th</sup> Nov              d) 3 <sup>rd</sup> Dec	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7) How many wheels do <b>36</b> tricycles have? a) 100                      b) 98                      c) 108                      d) 180	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8) The length of a cloth material is measured in a) metre              b) centimetre              c) kilometre              d) millilitre	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9) How many minutes are there in <b>6</b> hours and <b>45</b> minutes? a) 505 min              b) 405 min              c) 400 min              d) 500 min	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10) If <b>25</b> November is a Saturday, what day is <b>28</b> November? a) Monday              b) Tuesday              c) Wednesday              d) Thursday	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### SECTION-D

1) A trainer puts <b>6</b> students of a class in a row, one behind the other, so that each student is <b>3</b> m from the student in front of him. How many meters away is the last student from the first student? a) 10m                      b) 15m                      c) 20m                      d) 25 m	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) How many triangles are in the figure below? a) 13                      b) 12                      c) 10                      d) 15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) I think of a number. I double it and add two. The answer is <b>18</b> . What was my number? a) 9                      b) 10                      c) 4                      d) 8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



4) Joe is <b>6</b> years older than Mike. Mike is half the age of Lucy. Lucy is <b>28</b> years old. How old is Joe? a) 22 years    b) 20years    c) 14 years    d) 19 years	○	○	○	○
5) $\frac{\square}{\square} + ? = 1$ a) 0    b) $\frac{4}{5}$ c) $\frac{3}{5}$ d) $\frac{1}{5}$	○	○	○	○